

Preston Tunnels

Project

**Waste Water Treatment Works,
Dry Well Building**

Client

KMI and United Utilities

Contract Responsibilities

Construction, Project Management



The Overview

Preston waste water treatment works is part of a £250 million project to improve the bathing waters in the North West. Storm water will be cleaned at the sewer network, until it is safe to go back into the rivers and sea.

The Challenge

To construct a 3.5km long 2.85m wide tunnel, situated 30m below ground level, to the west of Preston, and to include eight tunnel shafts. On completion, the tunnels will hold up to 40 million litres of storm water, to prevent overflows into the River Ribble.

Our brief included the production of an evidence-as-built programme from contemporaneous site records, and a review of KMI's accepted programmes for robustness and suitability, for any delay analysis. We were also required to repair the accepted programs in line with the findings in the review above, as well as the need to consider any preparation that may be needed from the impact of the resultant delays with the ground collapse at the terminal pumping station shafts. Having gathered and assessed this information, we then drew up a report to identify these delays, and calculated the extension of time that would be required by KMI, in order to progress through the revised works.

The Solution

The joint venture is a consortium between Kier, Murphy & Sons and Interserve. The project is still in progress, as part of the United Utilities amp 6.



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